

ZHELIAZKOVA, K. u-ka (s. Kableshkovo, Burgasko)

My experience in testing the knowledge of students in  
botany and zoology. Biol 1 khim 7 no. 2: 43-45 '64.

PAIAKOV, Iv.; ZHELIAZKOVA-PANAIOTOVA, M.; IVCHINOVA, L.

Structural and textural characteristics, and mineral  
composition of the chromite ores of Dobromirski. Godishnik  
biol 56 219-251 '61/'62.

PAIAKOV, Iv.; ZHELIAZKOVA-PANOTOVA, M.; IVCHINOVA, L.

Structural and textural peculiarities and mineral composition of chromite ores from the Dobromirski deposits. Godishnik biol 56 no.2:219-251 '61-'62 [Publ. '63].

ZHELIAZKOVA-PANAIOTOVA, M.

Roentgenographic determination of chromospinellids. Godishnik  
biol 54 no.2:67-82 '59/'60 [publ. '61].

KOSTOV, Ivan; ZHELIAZKOVA-PANAIOTOVA, Maria

Achievements of Bulgarian geology in the twenty years of the people's rule. Priroda Bulg 13 no.4:20-23 Jl-Ag '64.

1. Corresponding Member of the Bulgarian Academy of Sciences (for Kostov).

ZHELIAZOV, ZH.

"Organization of Thermal Workshops in Machinery Factories", P. 19.,  
(TESHKA PROMISHLENOST, Vol. 3, No. 5, 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,  
No. 6, June 1955, Uncl.

ZHELIAZOV, ZH.

High temperature liquid treating with cyanide. p.24. TEZHKA  
PROMISHLENOST. (Ministerstvo na tezhkata promishlenost) Sofia.  
Vol. 5, no. 6, 1956

SOURCE: East European Accessions List, (EEAL), Library of  
Congress, Vol. 4, no. 12, December 1956

ZHELIAZOV, ZH.

Methods for reducing the deformations of tools in the tempering.

P. 24, (Tezhka Promishlenost) Vol. 6, no. 3, Mar. 1957, Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957



11-9

Cytological investigation of the formation of melanistic pigments. A. Zhelishova-Papaleva. Ann. univ. Sofia, Facult. phys.-math. 20, No. 2, 1-32, 34-8 (in German 23) (1932).—At the time of the formation of the melanin pigment in the tapetum nigrum of the embryos of *Ovis aries*, *Gallus domesticus*, *Rana esculenta* and *Dendrobates* the nucleus of the pigment cell undergoes deep structural changes in its chromatin content. The melanin granules are formed from the nuclear substance produced by the nuclei both during periods of rest or division. Melanization of the entire chromosome takes place during the mitotic division. Such cases are preceded by an overproduction of nuclei in the tapetum which are predestined to be converted entirely into melanin. Before the melanization of the nuclei occurs parts of these apparently undergo some chromatin changes as manifested by the gradual disappearance of the ability to take up chromatin staining dyes. The melanization of the nuclear formations takes place gradually, from the periphery toward the interior. The final pigment grains consist of melanin only.

8. Ivanoff

CHERNYAYEV, I.I.; ZHELIGOVSKAYA, N.N.; LE TL-K'YEN; KURGANOVICH, D.V.

Some ethylenediamine derivatives of tetravalent platinum.  
Zhur. neorg. khim. 9 no.3:562-568 Mr '64. (MIRA 17:3)

SPITSYN, V.I., akad., red.; KOLLI, I.D., kand. khim. nauk, red.; ZHELIGOV-  
SKAYA, N., kand. khim. nauk [translator]; MEN'KOVA, N., [translator];  
PATSIKOVA, N., kand. khim. nauk [translator]; PASHINKIN, A., kand.  
khim. nauk [translator]; PIKAYEV, A., kand. khim. nauk [translator];  
SEMENENKO, K., kand. khim. nauk [translator]; TUROVA, N. [translator];  
MANUYLOVA, G.M., red.; RYBKINA, V.P., tekhn. red.

[Inorganic polymers] Neorganicheskie polimery. Moskva, Izd-vo inostr.  
lit-ry, 1961. 470 p. Translations from foreign journals.

(MIRA 14:13)

(Polymers)

CHERNYAYEV, I.I.; ZHELIGOVSKAYA, N.N.

Geometrical isomerism of diamminotrihydroxochloro derivatives of  
tetravalent platinum. Zhur. neorg. khim. 6 no.1:42-53 '61.  
(MIRA 14:2)

(Platinum compounds)

CHERNYATEV, I.I.; BABKOV, A.V.; ZHELIGOVSKAYA, N.N.

Synthesis and properties of dicyanoethylenediamineplatinum.  
Zhur. neorg. khim. 8 no.6:1355-1360 Je '63. (MIRA 16:6)

(Platinum compounds)  
(Ethylenediamine)

CHERNAYEV, I.I.; ZHELIGOVSKAYA, I.N.; SEMENKO, M.N.

Certain properties of tetraamino compounds of platinum(IV).  
Zhur. neorg. khim. 6 no.1:4-7 '61. (MLA 1412)  
(Platinum compounds)

CHERNYAYEV, I.I.; ZHELIGOVSKAYA, N.N.; BABKOV, A.V.

Some properties of the nitro group in complex compounds of tetravalent  
platinum. Zhur. neorg. khim. 6 no.1:54-60 '61. (MIRA 14:2)  
(Platinum compounds) (Nitro group)

CHERNYAYEV, I.I.; ZHURIGOVSKAYA, N.M.; TSINGISTER, V.A.

Trans effect of the hydroxyl group in isomeric diamminodibromedi-  
hydroxy compounds of tetravalent platinum. Zhur. neorg. khim.  
5 no. 12:2690-2699 D '60. (MIRA 13:12)  
(Platinum compounds) (Hydroxyl group)



CHERNYAYEV, I.I.; BABKOV, A.V.; ZHELIGOVSKAYA, N.N.

Physicochemical properties of oxidized derivatives of  
potassium cyanoplatinite. Zhur. neorg. khim. 8 no.11:2441-  
2446 N '63. (MIRA 17:1)

CHERNYAYEV, I.I.; ZHELIGOVSKAYA, N.N.; LE TI-K'YEN

Absorption spectra of ethylenediaminedichloro compounds  
of tetravalent platinum. Zhur. neorg. khim. 9 no.3:569-575  
Mr '64. (MIRA 17:3)

CHERNYAYEV, I.I.; BABKOV, A.V.; ZHELIGOVSKAYA, N.N.

Complex compounds of tetravalent platinum containing inner-  
sphere cyano groups and ethylenediamine, Zhur. neorg. khim. 9  
no.3:576-584 Mr '64. (MIRA 17:3)

CHERNYAYEV, I.I.; ZHELIGOVSKAYA, N.N.; LEONOVA, T.N.

Diacyldimethylamino compounds of platinum (II). Zhur. neorg.  
khim. 9 no.2:347-356 F'64. (MIRA 17:2)

CHERNYAYEV, I.I.; ZHELIGOVSKAYA, N.N.; BABKOV, A.V.

Investigating the properties of a cyano group in compounds with  
bivalent platinum. Zhur.neorg.khim. 6 no,12:2627-2634 D '61.  
(MIRA 14:12)

(Platinum compounds) (Cyano group)

CHERNYAYEV, I.I.; ZHELIGOVSKAYA, N.N.; KANTER, T.M.; BEZZUBENKO, A.A.

Possibility of transeffects in complex compounds of bivalent copper.  
Zhur.neorg.khim. 7 no.3:472-478 Mr '62. (MIRA 15:3)  
(Copper compounds)

ZHELIGOVSKIY, A. V.

Cand. Tech. Sci.

Dissertation: "Theory and Calculation of Air Brakes for Regulating  
Slow-Motion Wind Motors."

24 May 49

All-Union Sci. Res. Inst. for the Mechanization of  
Agriculture

SO Vecheryaya M'ckva  
Sum 71

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GEARING

Using an infinitely variable friction transmission for driving electric generators and working machinery from windmills. Dokl. Ak. sel'khoz. 17 no. 8, 1952.

Monthly List of Russian Accessions, Library of Congress  
November 1952. UNCLASSIFIED.



ZHELIGOVSKIY, A.V., kandidat tekhnicheskikh nauk.

Problem of lowering the weight of machines in the works of  
Academician V.F.Goriachkin. Sel'khoz mashina no.7:19-20 J1 '54.  
(Machinery, Kinematics of) (Goriachkin, Vasilii Frokhoro-  
vich, 1868-1935)

FATEYEV, Yefim Mikhaylovich, doktor tekhnicheskikh nauk, professor; ZHELI-  
GOVSKIY, A.V., kandidat tekhnicheskikh nauk, dotsent, redaktor;  
FEDOTOV, V.Ye., kandidat tekhnicheskikh nauk, retsenzent; MODEL',  
B.I., tekhnicheskiy redaktor; SHIKIN, S.T., tekhnicheskiy redaktor.

[Wind motors and their use in agriculture] Vetrodvigateli i ikh  
primeneniye v sel'skom khoziaistve. Izd.2-oe, dop. i perer. Moskva,  
Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1957. 322 p.

(MLRA 10:6)

1. Chlen-korrespondent Akademii sel'skokhozyaystvennykh nauk imeni  
V.I.Lenina (for Fateyev)

(Wind-mills)

ZHELIASZKOV, L.; AGOVA, M.

Synthesis of some 1,2-substituted imidazolines. Pt. 1. Truc Khim-  
farmatsev inst 4:3-4 '63.

ZHELIAZKOV, L.; ZIKOLOVA, Sv.

Synthesis of some 5-nitrofurfurole derivatives with probable anti-bacterial activity. Trud Khim-farmatsyevt inst 4:7-8 '63.

ZHELIAZKOV, L. ; BIKOVA, N.

Synthesis of simplified structural analogs of galanthamine, the benzylamine derivatives. Trud-Khim-farmatsevt inst 4:5-6 '63.

Synthesis of the 1, 2, 2,6, 6-pentamethylpiperidine ganglioblocking preparation. Ibid. 9-11

BARSOV, G.A., kand. tekhn. nauk, dots.; BEZMENOVA, L.V., kand. tekhn. nauk, ispolnyayushchiy obyazannosti dots.; GRODZENSKAYA, L.S., kand. tekhn. nauk; ZHELIGOVSKIY, A.V., kand. tekhn. nauk, dots.; KUVSHINNIKOV, G.A., kand. tekhn. nauk, dots.; KUL'BACHNIY, O.I., kand. tekhn. nauk, ispolnyayushchiy obyazannosti dots.; PARTELEYEV, S.I., kand. tekhn. nauk, dots.; SHEKHVITS, E.I., kand. tekhn. nauk, dots.; YUDENICH, V.V., kand. tekhn. nauk, dots.; NIKOLAYEVA, T.G., red.; GOROKHOVA, S.S., tekhn. red.

[Theory of flat mechanisms and the dynamics of machinery]  
Teoriya ploskikh mekhanizmov i dinamika mashin. [By] G.A. Barsov i dr. Moskva, Gos. izd-vo "Vysshaya shkola," 1961. 336 p.  
(MIRA 15:2)

(Mechanical mechanisms) (Mechanical engineering)

ZHELIGOVSKIY, O.A., kand.sel'skokhozyaystvennykh nauk, dotsent

Results and outlooks of trials for heavy draft horses in the  
light of agricultural horse breeding. Izv.TSKhA no.2:109-118  
'59. (MIRA 12:8)

(Draft horses)

ZHELIGOVSKIY, O.A., dots. kand. nauk.

Tasks of farm horse breeding. Dokl. TSKhA no.27:205-207 '57.  
(Draft horses) (MIRA 11:4)



ZHELIGOVSKIY, V. A.

27014

*Processing of data on the study of natural phenomena* 4?  
Obrabotka Chisennykh Danykh Pri Izuchenii Prirodnykh Yavleniy I Protessov.  
Doklady Vsesoyuz. Akad. S. - Kh. Nauk Im. Lenina. 1949. Vyp. 8. S. 3-8

SO: LETOPIS NO. 34

Zeberg, G. E. Protiv Reaktsionnykh Biologicheskikh Toeriy V  
Meditsine - sm. 27325

Mashkovtsev. A. A. Znachenie Dlya Biologii Ucheniya Iyana  
Petrovicha Pavlova O Vysshey Nervnoy Deyatel'stvennosti-Sm. 27336

B. T. R.  
Vol. 3 No. 3  
Mar. 1964  
Electrical  
Engineering

3161\* Scientific Problems of Mechanization and Electrification of the Rural Economy. (Russian.) Y. A. Zheligovskii. Doklady Vsesoyuznoi Akademii Sel'skokhozyaystvennykh Nauk, Ineni V. I. Lenina V. 18, no. 9, Sept. 1953, p. 3-9.  
Selection of machinery, equipment, and techniques is discussed.

Preliminary considerations in the study of the reduction of tractive resistance in agricultural machinery by substituting pneumatic for steel wheels. V. A. ZHELIGOVSKY. *Doklady Vsesoyuz. Nauch.-issled. V. I. Leninga*, 1950, 18, Pt. 3, 3; *Translated Contents Lists of Russian Periodicals*, 1960, No. 13, 17. 68A212221.3.

1. ZHELIGOVSKIY, V.
  2. USSR (600)
  4. Electricity in Agriculture
  7. Electricity in agriculture. Nauka i zhizn' 20, No. 3, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

ZHELYGOVSKIY, V.A., akademik.

Mechanized agriculture. Est. v shkole no.6:9-18 N-D '56.  
(MLRA 9:12)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni  
V.I. Lenina.  
(Agriculture)

ZHELIGOVSKIY, V.A.

BREMER, Georgiy Ivanovich, doktor tekhnicheskikh nauk, professor;  
ZHELIGOVSKIY, V.A., professor, retsenzent; SILIN, V.S., inzhener,  
redaktor; UVAROVA, A.F., tekhnicheskii redaktor

[Separators] Zhidkostnye separatory. Moskva, Gos. nauchno-tekhn.  
izd-vo mashinostroit.lit-ry, 1957. 242 p. (MIRA 10:7)  
(Separators (Machines))

POPOV, Il'ya Fedorovich, dots.; ZHELIGOVSKIY, V.A., akad., retsenzent.;  
PONOMAREV, V.A., kand. tekhn. nauk, red.; AVSHAROVA, Ya.G., red. izd-va.;  
MODEL', B.I., tekhn. red.

[Hay harvesting machinery; construction, theory and design]  
Mashiny dlia uborki trav na seno; konstruktsiia, teoriia i raschet.  
Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958. 268 p.  
(MIRA 11:11)

(Hay-Harvesting)

ZHELIGOVSKIY, V., akademik

A new branch of agricultural research. NTO 2 no.11:32-34 N '60.  
(MIRA 13:11)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni  
Lenin.

(Agricultural research)



SAAKYAN, Sumbat Saakovich, prof.; ZHELIGOVSKIY, V.A., akademik, retsenzent; GUDKOV, A.N., prof., retsenzent; UL'YANOV, A.F., prof., retsenzent; LETNEV, B.Ya., red.; DEYEVA, V.M., tekhn. red.

[Agricultural machinery (design, theory, and calculations); machines for soil cultivation, seeding and planting, placement of fertilizers, control of pests and diseases of agricultural plants] Sel'skokhoziaistvennye mashiny (konstruktsiia, teoriia i raschet; mashiny dlia obrabotki pochvy, poseva i posadki, vneseniia udobrenii, dlia bor'-by s vrediteliami i bolezniami sel'skokhoziaistvennykh rastenii. Moskva, Sel'khozizdat, 1962. 327 p. (MIRA 16:1)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I. Lenina (for Zheligovskiy). 2. Volgogradskiy sel'skokhozyaystvennyy institut (for Gudkov). 3. Saratovskiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva im. Kalinina (for Ul'yanov). (Agricultural machinery)

ZHELIGOVSKIY, Vladislav Aleksandrovich, akademik; TIMOFEYEV, A.I.,  
kand. tekhn. nauk, dots.; KHOKHLOV, I., prof., red.

[Elements underlying the theory of tilling machines and  
engineering technology of agricultural materials] Elementy  
teorii pochvoobrabatyvaiushchikh mashin i mekhanicheskoi  
tekhnologii sel'sko-khoziaistvennykh materialov. Tbilisi,  
Izd-vo Gruzinskogo Ordena Trudovogo Krasnogo Znameni Sel'-  
khoz.in-ta, 1960. 145 p. (MIRA 15:8)  
(Agricultural machinery)

ZHELIGOVSKIY, V.A., akademik

Development of the theory of the working surface of a plow base.  
Mekh. i elek. sots. sel'khoz. 20 no.1:60 '62. (MIRA 15:2)  
(Plows)

ZHELIGOVSKIY, V.; SOBOLEV, L.; CHIKALIKI, G.

Soil and plow. Znan. sila 36 no. 2:2-5 F '61.  
(Soils) (Tillage)

(MIRA 14:5)

ZHELIKHOVSKAYA, A.

12037

USSR/Automotive Parts 4403.0600

Oct 1947

"A Device for Taking Off the Steering Wheel," A.  
Zhelikhovskaya, 1 p

"Avtomobil" Vol XIV, No 10

Describes device and its operation with three detailed diagrams. Device may be used to take off steering wheels of M-1, ZIS-5, GAZ-51, ZIS-150, YaAZ-200 and GAZ-M-20 motor vehicles.

LC

12037

ZHMLIKHOVSKIY, A., inzh.-mayor.

Repairing tank armament. Tankist no.2:50-51 P '58. (MIRA 11:3)  
(Tanks (Military science)) (Firearms--Maintenance and repair)

DONSKIY, D.I., kand.tekhn.nauk; ROZENBERG, L.I., kand.tekhn.nauk; GURMAN, V.S., starshiy inzh.; ZHELIKHOVSKAYA, A.I., starshiy inzh.; KOLYA-SINSKIY, Z.S., starshiy inzh.; LOBUSHEV, V.D., inzh.. Prinimali uchastiye: GLUKHOV, Yu.I., starshiy mekhanik; GEKOV, S.F., starshiy mekhanik. TIMOSHINA, V.A., red.; MAL'KOVA, N.V., tekhn.red.

[Technical specifications for the inspection and sorting of parts for the MAZ-200 and MAZ-205 motortrucks during overhauling] Tekhnicheskie usloviia na kontrol'-sortirovku detalei avtomobilei MAZ-200 i MAZ-205 pri kapital'nom remonte. Moskva, Avtotransizdat, 1960. 663 p.

(MIRA 13:9)

1. Moscow. Nauchno-issledovatel'skiy institut avtomobil'nogo transporta.
  2. Nachal'nik laboratorii remonta dvigateley Nauchno-issledovatel'skogo instituta avtomobil'nogo transporta (for Donskoy).
  3. Nauchno-issledovatel'skiy institut avtomobil'nogo transporta (for all, except Timishina, Mal'kova).
- (Motortrucks--Maintenance and repair)

GURMAN, V.S., inzh.; KOLYASINSKIY, Z.S., inzh.; ~~ZHELIKHOVSKAYA, A.I.,~~  
inzh.; YEMEL'YANOV, A.Ya., inzh.; RYTCHENKO, Y.I., kand.tekhn.  
nauk; YEFREMOV, V.V., prof., doktor tekhn.nauk, sasluzhennyy  
deyatel' nauki, nauchnyy red.; MAL'KOVA, N.V., tekhn.red.

[Technical specifications for checking and sorting parts of the  
GAZ-51 motortruck and GAZ-93 dump truck in overhauling] Tekhni-  
cheskie usloviya na kontrol'-sortirovku detalei avtomobilei  
GAZ-51 i GAZ-93 pri kapital'nom remonte. Moskva, Avtotransizdat,  
1960. 463 p. (MIRA 13:12)

1. Moscow. Nauchno-issledovatel'skiy institut avtomobil'nogo  
transporta. 2. Gosudarstvennyy nauchno-issledovatel'skiy institut  
avtomobil'nogo transporta (for Gurman, Kolyasinskiy, Zhelikhovskaya,  
Yemel'yanov, Rytchenko).  
(Motortrucks--Maintenance and repair)



GURMAN, V.S., inzh.; KOLYASINSKIY, Z.S., inzh.; ZHELIKHOVSKAYA, A.I., inzh.; YEMEL'YANOV, A.Ya., inzh.; RYTCHENKO, V.I., kand.tekhn. nauk, inzh.; YEFREMOV, V.V., prof., doktor tekhn.nauk, zaslu-zhennyy deyatel' nauki i tekhniki, nauchnyy red.; STEPANOV, V.M., red.; GALAKTIONOVA, Ye.N., tekhn.red.; NIKOLAYEVA, L.N., tekhn.red.

[Specifications for repair, assembly, and testing of units and the ZIL-150 and ZIL-585 motortrucks during overhauling] Tekhnicheskie uslovia na remont, sborka i ispytanie agregatov i avtomobilei ZIL-150 i ZIL-585 pri kapital'nom remonte. Izd.2., perer. Moskva, Avtotransizdat, 1960. 169 p. (MIRA 13:7)

1. Moscow. Nauchno-issledovatel'skiy institut avtomobil'nogo transporta. 2. Gosudarstvennyy nauchno-issledovatel'skiy institut avtomobil'nogo transporta (for Kolyasinskiy, Zhelikhovskaya, Yemel'yanov, Gurman, Rytchenko). (Motortrucks--Maintenance and repair)

SARKHOSH'YAN, G.N.. Prinimali uchastiye: ROZENBERG, L.I.; ZHELIKHOVSKAYA, A.I.; GURMAN, V.S.; LOBUSHEV, V.D.; BODRILIN, A.P., red.; DONSKAYA, G.D.; tekhn.red.

[Technical specifications for repairing, assembling, and testing the MAZ-200 and MAZ-205] Tekhnicheskie uslovia na remont, sborku i ispytanie avtomobilei MAZ-200 i MAZ-205. Moskva, Avtotransizdat, 1959. 174 p. (MIRA 13:5)

1. Moscow. Nauchno-issledovatel'skiy institut avtomobil'nogo transporta. 2. Nachal'nik otdela remonta avtomobiley Gosudarstvennogo nauchno-issledovatel'skogo instituta avtomobil'nogo transporta (for Sarkhos'yan).  
(Motortrucks--Maintenance and repair)

ZHELIKHOVSKAYA, Amaliya Isaakovna, inzh.; GRINBERG, S.I., red.

[Mechanization of washing and cleaning operations in overhauling motor vehicles] Mekhanizatsiia moechno-ochistitel'nykh rabot pri kapital'nom remonte avtomobilia. Moskva, Transport, 1965. 49 p. (MIRA 18:12)

ZHELIKHOVSKAYA, Amaliya Isaakovna, inzh.; KOLYASINSKIY, Zigmund  
Stanislavovich, inzh.; BARANOV, A.Ya., red.; GALAKTIONOVA,  
Ye.N., tekhn. red.

[Efficient organization of motor vehicle repair work] Ra-  
tsional'naia organizatsiia avtoremontnogo proizvodstva. Mo-  
skva, Transport, 1964. 25 p. (MIRA 17:4)

ZHELIKHOVSKAYA, Anastasiya Nikolayevna. Prinsipali uchastiye:  
GUTSAYT, Z.I.; NOVITSKAYA, O.V.; EROVDE, I.M., red.;  
TITSKAYA, B.F., ved. red.; VORONOVA, V.V., tekhn. red.

[Planning petroleum refining production; technical,  
industrial, and financial planning] Planirovanie neftepe-  
rerabatyvaiushchego proizvodstva; sostavlenie tekhprom-  
finplana. Moskva, Gostoptekhsdat, 1963. 255 p.  
(MIRA 16:7)

(Petroleum--Refining)

ZHELIKHOVSKIY, Kh.M., inzh.

About V.P.Bukhgol'ts and P.S.Perevosov's article "Leakage relay with automatic voltage supply." (Bezopasnost' truda v promyshlennosti, no.6, 1959). Bezop.truda v prom. 4 no.3: 17-18 '60. (MIRA 13:6)

(Electric relays) (Bukhgol't, V.P.)  
(Perevosov, P.S.)

LEYBOV, R.M., doktor tekhn.nauk; ZHELIKHOVSKIY, Kh.M., inzh.

Accuracy (sensitivity) of protection against leakage. Izv.vys.  
ucheb.zav.; gor.zhur. 7 no.2:124-131 '64. (MIRA 17:3)

1. Donetskij politekhnicheskij institut. Rekomendovana kafedroy  
gornoy elektrotekhniki i avtomatiki.

ZHELIKHOVSKIY, Kh.M., inzh.

New method of checking the cable system by the starting conditions of the most powerful and distant motor. Izv.vys.ucheb. zav.; gor.zhur. no.4:122-127 '60. (MIRA 14:4)

1. Donetskii ordena Trudovogo Krasnogo Znameni industrial'nyy institut. Rekomendovana kafedroy gornozavodskoy elektrotekhniki.

(Electricity in mining)



ZHELIKHOVSKIY, Kh.M., inzh.

Leakage protection for battery-charging outfits. Bezop.truda v  
prom. 4 no.12:24-26 D '60. (MIRA 14:1)

1. Donetskij politekhnicheskij institut.  
(Electric protection)

ZHELIKHOVSKIY, Kh.M., inzh. (Donetsk)

Transients in electrical networks in mines. Elektrichestvo no.9:  
55-60 3 '63. (MIRA 16:10)

DUDAREV, L.Ye., inzh.; ZHELIKHOVSKIY, Kh.M., inzh.

Transient processes in R.U.V.-2 leakage relay circuit diagrams.  
Nauch. dokl. vys. shkoly; gor. dele no.1:145-150 '59.  
(MIRA 12:5)

1. Predstavlena kafedroy gornozavodskoy elektrotekhniki Donetskogo  
industrial'nogo instituta im. N.S. Khrushcheva.  
(Electric currents, Leakage)

ZHELIKHOVSKIY, S. M.

23700 DEPRESSIVIIYE SOSTOYANIKH POSLE TRAVMY. TRUDY SARAT. GOS.  
MED. IN-TA, T. VIII, 1949, S. 341-48

SO: LETOPIS' NO. 31, 1949

SHPET, Georgiy Iosifovich [Shpet, H.I.], doktor biol. nauk; FEL'DMAN, Mariya Bentsionovna, kand. khim. nauk; MOVCHAN, V.A., prof., red.; ZHELIKHOVSKIY, V.I. [Zhelikhovs'kiy, V.I.], red.; VIDONYAK, A.P., tekhn. red.

[Oxygen balance in ponds under the conditions of intensive carp culture] Kysnevyyi rezhym staviv v umovakh intensyvnogo koropovoho hospodarstva. Kyiv, Vyd-vo UASHN, 1961. 125 p. (MIRA 16:2)

1. Chlen-korrespondent Akademii nauk Ukr. SSR i Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I. Lenina (for Movchan). (Carp) (Water—Oxygen content)

GREEN', L.K., akademik; BAYDUGANOVA, Ye.P., nauchnyy sotr.;  
 SAVCHENKO, P.Ye., kand. biol. nauk; GREBEN', Ye.K.,  
 kand. sel'khoz. nauk; KRYLOVA, L.F., nauchn. sotr.;  
 SIDOROVA, L.M., nauchn. sotr.; SOROKINA, V.I., nauchn.  
 sotr.; BAGMET, M.I.; LAZORENKO, Ye.L.; KHOKHLYUK, A.G.;  
 PASHKEVICH, M.K.; BRYZHNIK, K.A.; LUZHKOV, M.A., kand.  
 sel'khoz. nauk; BALASHOV, N.T., kand. sel'khoz. nauk;  
ZHELIKHOVSKIY, V.I., redaktor; POTOTSKAYA, L.A., tekhn.  
 red.

[Ukrainian White Steppe swine] Ukrainskaia stepnaia belaiia  
 poroda svinei. Pod obshchei red. L.K.Grebenia. Kiev, Gos-  
 sel'khozizdat USSR, 1962. 252 p. (MIRA 16:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut zhivotno-  
 vodstva stepnykh rayonov im. M.F.Ivanova "Askaniya-Nova."
2. AN Ukr.SSR i Vsesoyuznaya akademiya sel'skokhozyaystven-  
 nykh nauk im. V.I.Lenina (for L.K.Greben'). 3. Ukrainskiy  
 nauchno-issledovatel'skiy institut zhivotnovodstva stepnykh  
 rayonov im. M.F.Ivanova "Askaniya-Nova" (for Bayduganova).
4. Melitopol'skaya gosudarstvennaya plemennaya stantsiya  
 (for Bagmet, Lazorenko, Khokhlyuk). 5. Spetsialist sovkhoza  
 "Komsomolets", Stavropol'skiy kray (for Bryzhnik).  
 (Ukraine--Swine breeding)

OCHERET'KO, Fedor Ivanovich, kand. sel'khoz. nauk; BONDARENKO, Grigoriy Fedorovich [Bondarenko, H.F.], kand. veter. nauk; PSHENICHNIYY, P.D., akademik, red.; ZHELIKHOVSKIY, V.I. [Zhelikhovs'kyi, V.I.], red.; VIDONYAK, A.P., tekhn. red.

[Antibiotics in stockbreeding] Antybiotyky u tvarynnytstvi.  
Kyiv, Vyd-vo Ukrains'koi Akad. sil's'kohospodars'kykh nauk,  
1961. 181 p. (MIRA 15:2)

1. Ukrainskaya Akademiya sel'skokhozyaystvennykh nauk (for  
Pshenichnyy).

(Stock and stockbreeding) (Antibiotics)

KROK, Galina Semenovna, prof., doktor biolog. nauk; BORDZILOVSKAYA,  
N.P., kand. biolog. nauk, otv. red.; ZHELIKHOVSKIY, V.I., red.;  
LAPCHENKO, Ye.P., tekhn. red.

[Microscopic structure of the organs of poultry with the  
fundamentals of embryology] Mikroskopicheskoe stroenie organov  
sel'skokhoziaistvennykh ptits s osnovami embriologii. Kiev,  
Izd-vo Ukrain'skoi akad. sel'khoz. nauk, 1962. 186 p.  
(MIRA 15:7)

(Poultry---Anatomy) (Incubation)



POPOV, O.Ya., otv. red.; ZORIN, I.G. [Zorin, I.H.], kand. sel'-  
khoz. nauk, red.; MOKEYEV, O.Yu., kand. sel'khoz. nauk,  
red.; SHUL'ZHENKO, I.F., prof., red.; ZHELIKHOVSKIY  
V.I. [Zhelikhovs'kiy, V.I.], red.

[Possibilities of increasing the production and reducing  
the cost of beef; materials of a session of the Stock-  
breeding Section of the Scientific Council of the Minis-  
try of Agriculture of the Ukraine] Rezervy zbil'shennia  
vyrobnystva i znyzhennia sobivartosti ialovychyny; ma-  
terialy sesii sektsii tvarynnystva vchennoi Rady pry  
MSH URSR. Kyiv, Urozhai, 1965. 178 p. (MIRA 19:1)

1. Ukraine. Ministerstvo sil'skoho hospodarstva URSR.
2. Ministerstvo Sel'skogo khozyaystva Ukr.SSR (for Zorin).
3. Ukrainskaya sel'skokhozyaystvennaya akademiya (for  
Shul'zhenko).

SVECHIN, Kirill Borisovich, doktor sel'khoz. nauk, prof.; KOLESNIK, N.N., red.; ZHELIKHOVSKIY, V.I., red.; VIDONYAK, A.P., tekhn. red.

[Individual development of farm animals] Individual'noe razvitiye sel'skokhoziaistvennykh zhivotnykh. Kiev, Izd-vo Ukrainskoi akad. sel'khoz.nauk, 1961. 406 p. (MIRA 15:2)

1. Chlen-korrespondent Ukrainskoy akademii sel'skokhozyaystvennykh nauk (for Kolesnik).  
(Stock and stockbreeding) (Ontogeny)

SHCHERBINA, Aleksey Konstantinovich, prof., doktor veterin.nauk;  
MEL'NIKOV, G.B., prof., doktor biolog.nauk, red.; DONETS,  
N.Ye., red.; ZHELIKHOVSKIY, V.I., red.; KVITKA, S.P.,  
tekhn.red.

[Diseases of fishes and their control] Bolesni ryb i mery  
bor'by s nimi. Kiev, Izd-vo Ukr.Akad.sel'khoz.nauk, 1960.  
333 p. (MIRA 14:1)  
(Fishes--Diseases and pests)

L 17861-66 EWT(1) GW  
ACC NR: AP6007911 (A) SOURCE CODE: UR/0006/66/000/002/0021/0024

AUTHOR: Zhelikhovskiy, Yu. R.

ORG: none

TITLE: Specialized electronic computers for geodetic computations

SOURCE: Geodeziya i kartografiya, no. 2, 1966, 21-24

TOPIC TAGS: geodetic computer, electronic computer, digital computer, geodetic data processing, field geodetic computer

ABSTRACT: Although the use of general-purpose electronic computers in geodetic computations has become routine, the use of specialized electronic computers (SEVM) is recommended because the latter are simpler, much smaller, and cheaper to operate. General-purpose computers require 2-4 engineers, 3-5 technicians, and 50-150 programmers while specialized computers require only one mathematician and one engineer or technician. Programs can be stored in memory units of specialized computers, and these units are readily interchangeable (required time for interchanging ranges from 1 to 15 min), thus making specialized computers very adaptive. In recent years, Soviet industry has produced a number of small specialized computers which can be used to automate field geodetic computations. The following specifications were recommended for such computers: operative memory of 256-512 full-sized cells (at least 32 bits, not counting sign and control bits) and a permanent memory of 8192 cells.

Cord 1/2

UDC: 681.142.8

L 17861-66

ACC NR: AP6007911

Modern, high-speed, specialized, transistorized computers have speeds of 2000—3000 operations per second. Thus, the adjustment computation of a 10-station theodolite traverse requires two hr on a desk computer but only 5 sec on a specialized electronic computer. The following speeds of general-purpose computers are given for comparison: Ural-2, 5000 operations per second; M-2, 2500—3000; and the BESM-2, about 10,000. One admitted disadvantage of some specialized machines is lack of automated initial data input. A dimension of about 1 m<sup>3</sup> and a weight of 300—700 kg are recommended. Field conditions often require installation of computers in motor vehicles with an independent power supply, thus increasing the weight of a specialized electronic computer to 1.5 (including heating and ventilation facilities, and spare parts, control apparatus, and power supply). (EO)

SUB CODE: 08, 09/ SUBM DATE: none/ AND PRESS: 4208

Card 2/2

2 HELIKOV, L.L.

AUTHOR: None given  
 TITLE: A Conference on the Accuracy of Machine Building Castings  
 PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Metallurgiya i topivo, 1959, Nr 4, pp 255-256 (USSR)  
 ABSTRACT: A conference on the above subject took place in the Institute of Machine Building of the Academy of Sciences of the USSR on 24-25 April 1959. About 200 representatives of scientific-research institutes, laboratories, universities and industrial enterprises from 34 towns participated in the conference. The following papers were read: B.B. Gulyaev "The present state of the accuracy of the accuracy of castings"; P.N. Akasov "The accuracy of castings on technological factors"; M.P. Kiselev "Methods of analytical evaluation of dimensions of castings"; A.A. Vorobeyev "Theoretical and experimental investigations of the accuracy of castings"; I.P. Yermolenko - "The accuracy of allowances for mechanical working of castings"; Ye.G. Kozlov "Methods for the determination of tolerances for various castings"; S.A. Gerasimov "Tolerances for various castings produced by various methods of casting"; A.A. Kiselev "Methods of controlling the accuracy of castings"; L.S. Konstantinov "The influence of the accuracy of castings on the accuracy of packing moulds as a factor determining the accuracy of castings"; S.S. Kiselev "Sources of errors in the dimensions of castings caused by specific features of operation of the pattern-mould boxes equipment"; A.M. Kiselev "Physical deformations of casting moulds"; I.G. Kiselev "Calculations of making accurate castings in sand moulds"; B.K. Kiselev "The influence of the chemical composition of iron on the accuracy of dimensions of castings"; S.S. Kiselev and B.K. Kiselev "Improvement in the accuracy of castings made under pressure"; V.Y. Kiselev "Experience in increasing the cleanliness and accuracy of large castings"; M.M. Kiselev and I.I. Zaitsev "On the accuracy of castings made by the lost wax method"; I.I. Gerasimov "An investigation of the accuracy and surface cleanliness of castings made under pressure and by the lost wax method"; M.P. Kiselev and A.A. Vorobeyev "The formation of the contour of castings under pressure"; M.G. Kiselev, A.A. Vorobeyev and M.P. Kiselev "An improvement in the surface quality of castings made under pressure by forming a vacuum in the pressure moulds"; I.I. Gerasimov "Established that studies on the subject of the accuracy of castings are developing too slowly mainly due to lack of concrete data in the research work and insufficient numbers of specialists in the field of mathematics, physics and electronics. In order to develop methods for overall calculations of the accuracy, productivity and economics of casting processes the conference recommended organizing in Moscow, Leningrad and other (at scientific research institutes and universities) mixed teams consisting of foundry specialists, mathematicians, physicists and economists.

Card 1/3

Card 2/3

ZHELINSKIY, V.M.; FROLOV, V.I.

Phenomena of the change in the thickness of coal beds in the Aldan-Chul'man coal-bearing region. Nauch.sob. IAFAN SSSR no.7:67-78 '62.  
(MIRA 16:3)

(Yakutia—Coal geology)

ZHELIZNYAK, I.A.

The Coordinating Conference on the Problems in the Over-All  
Utilization of the Water Resources of the Ukrainian S.S.R.  
Visnyk AN URSR 28 no.5:62-64 My '57. (MIRA 10:7)  
(Ukraine--Water resources development)



Brick stove mason; textbook Moskva, Trudrezervoizdat, 1953. 239 p. (55-16873)

Th11 9.P5

1. Masonry, 2. Stoves, Earthenware. I. Zhelizovskaja, M.V.

ZHELIN, A.A.; OTROZHDENNOVA, L.A.

Flotation of sylvine by cationic collectors. Obog. rud 4 no.2:6-8  
'59. (MIRA 14:8)

(Flotation) (Potassium chloride)

ZHELNIN, A. F., Cand Tech Sci -- (diss) "Research into the technological processes of the performance of some models of excavators and trenching plows in swamp drainage in Western Siberia." Omsk, 1960. 23 pp with charts; (Reference List of Dissertations Presented in the Omsk Agricultural Inst im S. M. Kirov); 130 copies; free; (KL, 17-60, 154)

ZHELNIN, A.A., kandidat tekhnicheskikh nauk.

Treatment of potassium-containing ores by flotation. Gor. zhur.  
no.8:9-11 Ag '57. (MLBA 10:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut galurgii.  
(Flotation) (Potassium chloride) (Sylvinite)

5(1)  
AUTHORS: Zhelmin, A. A., Candidate of Technical Sciences, Pavlov, N. V.,  
Neverov, A. N.

BOV/64-59-4-14/27

TITLE: Enrichment of Sylvine Rock by Flotation  
(Obogashcheniye sil'vinitovoy rudy flotatsiyey)

PERIODICAL: Khimicheskaya promyshlennost', 1959, Nr 4, pp 53-56 (USSR)

ABSTRACT: There are at present some factories in the USSR producing potassium chloride and artificial Carnallite, which for that purpose need large quantities of steam. The flotation method makes possible to reduce the steam consumption considerably, which is necessary for the processing of Sylvinite rocks. The results are given, which were obtained by checking the industrial enrichment of Sylvinite of the Verkhnekamskiy Deposit, in the testing plant of the Bereznikovskiy kaliyniy kombinat (Berezniki Potassium Kombinat). A Sylvinite rock (crushed to 10 mm) of the following composition was used as raw material: mineral salt appr 70%, Sylvine appr 26%, with smaller quantities of gypsum and insoluble compounds. The sieve data of the rock (Table 1) and those of the insoluble compounds (Table 2) are given. The rock crushed contained to 33% of the size 0.75 mm.

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Enrichment of Sylvine Rock by Flotation

SOV/64-59-4-14/27

Since the mud falling into the enrichment products renders their dehydration more difficult, and deteriorates the quality of the product, the crushing-, classification-, and mud-removing scheme of the rock was especially carefully worked out. The scheme of the test plant (Fig) is given as well as the process of crushing and of removing the mud before the enrichment of the rock. The sieve data of the classification product are also given (Table 3). The removing of the mud was carried out by flotation; for the purpose of loosening the mud, an alkaline starch solution and a collector-frothing agent FR-2 were added to the pulp. After having removed the mud the flotation was carried out by means of orthodecylamine, in which case KCl passes over into the mud. The content of KCl in the concentrate purified was 94-95%. Dehydration of the concentrate was carried out by means of centrifuges (humidity up to 4-5%) and drying drums. The yield in KCl amounts to 87%. It was found that no corrosion of the apparatus occurs, which is obviously due to the use of surface active substances. Some instructions as to the use of the individual devices (flotation machine "Mekhanobr 6A", Dorr-concentrator et al) are given. Technical and economic

Card 2/3

Enrichment of Sylvine Rock by Flotation

SOV/64-59-4-14/27

investigations carried out by the VNIIG have shown that the flotation makes possible a saving of 4%, as compared with chemical processing. There are 1 figure, 3 tables, and 1 reference.

Card 3/3

SUBJECT: USSR/Geology 23-3-1/8

AUTHOR: Zhelnin, G.A., Candidate of Physical-Mathematical Sciences

TITLE: Possibilities of Determination of Vertical Displacements of the Earth Surface in the Estonian SSR Territory by Repeated Levelling (Vozmozhnosti opredeleniya vertikal'nogo smeshcheniya zemnoy poverkhnosti na territorii Estonskoy SSR po dannym povtornykh nivelirovok)

PERIODICAL: Izvestiya Akademii Nauk Estonskoy SSR, Seriya Tekhnicheskikh i Fiziko-Matematicheskikh Nauk, 1957, #3, pp 205-218 (USSR)

ABSTRACT: During recent times it has become possible to apply the method of repeated precision levelling for studying modern tectonic movements of the earth's crust. The application of this method considerably extended the territorial boundaries of studying tectonic movements. At the present time, also territories remote from the seashores can be investigated.

An assumption was laid into the basis of this method that divergences in the marks obtained while carrying out the first and subsequent levelling of the same route were caused not only by measurement errors, but also indicate modern vertical movements

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23-3-1/8

TITLE:

Possibilities of Determination of Vertical Displacements of the Earth Surface in the Estonian SSR Territory by Repeated Levelling (Vozmozhnosti opredeleniya vertikal'nogo smeshcheniya zemnoy pverkhnosti na territorii Estonskoy SSR po dannym povtornykh nivelirovok).

of the earth's crust.

The first and a repeated levelling must be separated by a considerable span of time, depending both on the accuracy of measurements and the rate of proceeding movements.

The present paper exposes an attempt to apply this method for studying vertical movements occurring in the territory of the Estonian SSR.

Comparing the data of the first hypsometric work performed in 1871 with the results of several levellings performed from 1933 to 1956, the author constructs a system of isolines connecting the points of equal vertical movements. This system of isolines is shown in Figure 3 of the article. The position of these lines considerably differs from the results based on Ramsay's geomorphological data of 1929. In particular, this is true for the western and south-western parts of the territory, where the

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23-3-1/8

**TITLE:** Possibilities of Determination of Vertical Displacements of the Earth Surface in the Estonian SSR Territory by Repeated Levelling (Vozmozhnosti opredeleniya vertikal'nogo smeshcheniya zemnoy pverkhnosti na territorii Estonskoy SSR po dannym povtor-nykh nivelirovok).

isolines, according to the present investigation, run along meridional direction. The isolines drawn are relative with respect to the isoline passing through Tallin, whose absolute mark was conventionally assumed as being zero.

The article contains 2 maps, 1 graph and 2 tables. There are 4 references, one of which is Slavic.

**ASSOCIATION:** Institute of Physics and Astronomy of the Estonian Academy of Sciences.

**PRESENTED BY:**

**SUBMITTED:** On 17 October 1956

**AVAILABLE:** At the Library of Congress.

Card 3/3

Name : ZHELNIN, G.

Affiliation: Senior Scientific Associate, Tartu (Estonia) Stationary Tracking  
Station of Actinometric Laboratory, Institute of Physics and  
Astronomy, Estonian SSR Academy of Sciences

Remarks : In an article entitled, "Signals from the Artificial Earth  
Satellite", G. Zhelnin is referred to as above.

Source : N: Krasnaya Zvezda, No. 237, 6 October 1957, p. 1, c. 1-2

ZHELENIN, G.A.; MYURSEPP, P.V. [MYURSEPP, P.V.]

V.IA. Struve's important scientific contributions to the Tartu  
Astronomical Observatory from 1812 to 1839. Trudy Inst.ist.  
est.i tekhn. 17:473-484 '57. (MIRA 10:7)  
(Struve, Vasilii Iakovlevich, 1793-1864)  
(Tartu--Astronomical observatories)

ZHELNIN, G.A., otv. red.; ORVIKU, K.K., red.; GUDELIS, V.K., red.;  
SPRINGIS, K.Ya., red.; VILLMANN, Ch.I., red.; PARFENOVA, L.,  
red.; TOOMSALU, E., tekhn. red.

[Conference on the Neotectonic Movements in the Baltic Sea  
Region; Tallin, 1960] Materialy Soveshchaniia po voprosam  
neotektonicheskikh divzhenii v Pribaltike, Tallinn, 1960.  
Tartu, AN Estonskoi SSR, 1960. 154 p. (MIRA 16:9)

1. Soveshchaniye po voprosam neotektonicheskikh divzheniy v  
Pribaltike, Tallinn, 1960.

(Baltic Sea Region--Geology, Structural--Congresses)

BULLETIN GEODESIQUE

Organe de  
L'ASSOCIATION INTERNATIONALE DE GEODESIE  
(Union Géodésique et géophysique internationale)

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N° 62

1<sup>er</sup> DECEMBRE 1961

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BELYUKAS, K.K. [Bieliukas, K.], akademik, red.; ZHELNIN, G.A., red.; GUDELIS, V.K., red.; LESIS, I.P. [Liesis, J.], red.; MAAZIK, V.Ya. [Maasik, V.], red.; OZOL, L.P. [Ozols, L.], red.; ORVIKU, K.V., red.; RAZHINSKAS, A.K. [Razinskas, A.], red.; SPRINGIS, K.Ya., red.

[Recent and latest crustal movements in the Baltic region; materials of the Interrepublic Conference on the Problems of Recent Tectonic Movements in the Baltic Region for the 2d International Symposium on the Study of Recent Crustal Movements, Helsinki, 1965] Sovremennye i noveishie dvizheniia zemnoi kory v Pribaltike; materialy... k II Mezhdunarodnomu simpoziumu po izucheniiu sovremennykh dvizhenii zemnoi kory, Khel'sinki, 1965. Pod red. V.K. Gudelisa. Vilnius, AN Litovskoi SSR, 1964. 139 p. (MIRA 18:1)

1. Mezhhrespublikanskoye soveshchaniye po voprosam neotektonicheskikh dvizheniy Pribaltiki. 3d, Vilna, 1962. 2. Akademiya nauk Litovskoy SSR (for Belyukas).

L 0751Z-67 EWT(1)

ACC NR: AR6024302

SOURCE CODE: UR/0270/66/000/004/0036/0036

AUTHOR: Zhel'nikov, G. A.

TITLE: The accuracy and limitations of the repetitive levelling method

SOURCE: Ref. zh. Geodeziya, Abs. 4.52.293

REF SOURCE: Sb. Sovrem. i noveyshiye dvizheniya zemn. kory v Pribaltika. Vil'nyus, 1964, 17-24

TOPIC TAGS: geodetic survey, measurement technique, *geomorphology*

ABSTRACT: The report cites a refined pattern for placement of isobases within the territory of the Estonian SSR, evolved from results of repetitive levelling in prior years (see RZhAstr, 1962, 4G151), completed since 1960. The overall pattern of the isobases in the new layout remained as previous, except for the elimination of the northwesterly projection in the central part of the Republic's territory. Isobases are given at 0.2 mm/yr intervals, compared to 0.5 mm/yr in the 1960 pattern. It is noted that the distribution of isobases is not uniform at all points, sharp variations in rates of movement occurring in some areas. An analysis of the accuracy of data obtained from repetitive levelling in Estonia serves as the basis for a conclusion that the error factor in defining rates of movement for a 20-yr interval between levellings comprises 0.2 mm/yr over sectors of 100 km. The error factor attains levels of  $\pm 0.3$  mm/yr for extreme points of the grid. Error levels can be reduced

Card 1/2

UDC: 528.024.187.4:551.241 (474.2)



L 07517-67

ACC NR: AR6024302

0  
somewhat only when the interval between levellings is lengthened significantly.  
[Translation of abstract] V. Sinyagina

SUB CODE: 08

Surd 2/2 *2/2*

ACC NR: AT6011149

SOURCE CODE: UR/3197/65/000/002/0241/0247

AUTHOR: Zhel'nin, G. A. 26

ORG: Institute of Physics and Astronomy, AN ESSR (Institut fiziki i astronomii AN ESSR) 27

TITLE: Oscillatory character of contemporary movements of the earth's crust in the Estonian SSR

SOURCE: AN EstSSR. Institut fiziki i astronomii. Sovremennyye dvizheniya zemnoy kory. Recent crustal movements, no. 2, 1965, 241-247

TOPIC TAGS: apeirogeny, crustal movement, geodetic leveling, first order leveling, repeated leveling, geodesy

ABSTRACT: The author reports the results of a study carried out by the Institute of Physics and Astronomy (AS EstSSR) on contemporary crustal movements in the Estonian SSR. The initial data were taken from 1933-1940 high-precision leveling measurements made on 6 closed loops, each 300-400-km long. These lines were releveled, and the two sets of results were compared. The results show that in this Republic, vertical movements occur in at least two separate crustal blocks. The northwestern block rose between 1933 and 1948. In 1948 the south-eastern block began to rise, reaching the level of the northwestern

Card 1/2

U 13804-66

ACC NR: AT6011149

block by 1965. In addition, the western part of Saaremaa Island is sinking relative to the eastern part at the rate of 1.7—1.8 mm/yr. and has an absolute displacement of +1.2 mm/yr. Orig. art. has: 1 figure and 1 table. [SI]

SUB CODE: 08/ SUBM DATE: none/ ORIG REF: 003

Card 2/2 mjs

L 06133-67 EWT(1) GW

ACC NR: AR6019792

SOURCE CODE: UR/0270/66/000/002/0032/0032

AUTHOR: Zheinin, G. A.

TITLE: On the oscillatory character of contemporary earth crust motion in the Estonian SSR

SOURCE: Ref. zh. Geod, Abs. 2.52.241

REF SOURCE: Sb. Sovrem. dvizheniya zemn. kory. No. 2. Tartu, 1965, 241-246

TOPIC TAGS: geology, earth crust, ~~motion~~, geodetic survey, geodetic leveling, TECTONICS / ESTONIA

ABSTRACT: Results of triple repeated leveling of the lines Lelle-Pyarnu (90 km), Pakvere-Yychvi (62 km) and Pyltsamaa - Lelle (77 km) are reviewed. Precision of all 3 levelings is the same, intervals between repetitions of the first two lines are 11-15, third - 24 and 3 years. It developed that after the second leveling the signs of all 3 lines motion reversed, although the absolute velocity magnitudes changed little. Changes of signs correspond to short portions of the lines. This change could be explained by leveling errors, but it is more trustworthy to consider it as an expression of the chunky structure of the republic's territory, established by geologists. The conclusion can be drawn that upon a background of general rising of the territory, separate blocks ascend, at different velocities in different periods. For the northern and central parts of the republic, the period's duration is close to 30 years. [Translation of abstract].

Cord 1/1 <sup>mde</sup> SUB CODE: 08

UDC 528.38:551.241

ZHELNIN, G.G., inzh.

Side forces acting upon the track at a wobbling movement of  
vehicles. Vest. TSNII MPS 23 no.817-9 '64 (MIRA 18:2)

ACC NR: AP6032004

(A)

SOURCE CODE: UR/0027/66/000/009/0045/0047

AUTHOR: Zhelmin, E. (Engineer; Major)

ORG: Mono

TITLE: Removing military tanks from the water

SOURCE: Tekhnika i vooruzheniye, no. 9, 1966, 45-47

TOPIC TAGS: military tank, specialized training, *EQUIPMENT PRESERVATION*  
*TECHNIQUE*

ABSTRACT: The training exercises for removing and salvaging military tanks from the river are discussed. The training group is divided into evacuation and rescue teams. The program of training is outlined in a table specifying the training exercises and their duration in hours. The evacuation team is responsible for operations connected with pulling the tank out of the river, while the rescue team is trained in the execution of various rescue operations including diving and underwater work. The program is divided into eight stages of which the first and the last ones cover the preparatory and the final exercises with participation of the entire group. The intermediary stages are used for separate training of both teams. The procedures of training in each stage are discussed covering the use of tow trucks, motor and oared boats, tow cables and other equipment. The safety measures and diving operations are also examined. First, the people are trained by using the equipment on the ground and then on the water. Three vessels are used of which two boats are employed for transportation of the salvage officers with their crews.

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ACC NR: AP6032084

The third motor-boat carries tow cables and other equipment. The arrangements of the motor-boat and of the oared boat (consisting of two halves) are schematically illustrated. An example of using the boats for saving the tank from the river is described and illustrated in a sketch showing the position of the tank, the boats and the tow trucks. Usually, the tank is substituted by a mockup. However, a real tank is used for the last of the exercises. Orig. art. has: 2 figures.

SUB CODE: 05, 15/ SUM DATE: None

Contd 2/2

GROMOV, A., deputat Verkhovnogo Soveta SSSR, laureat Leninskoy premi;  
KRECHETNIKOV, N.; ZHELNIN, N.; NAZAROV, M.; PLAKHOTNYY, G.

At our factory. Voen. znan. 40 no.9:16-19 S '64.

(MIRA 17:12)

1. Direktor Pervogo gosudarstvennogo podshipnikovogo zavoda (for Gromov). 2. Nachal'nik shtaba grazhdanskoy obrony Pervogo gosudarstvennogo podshipnikovogo zavoda (for Krechetnikov). 3. Sekretar' partiynogo komiteta Pervogo gosudarstvennogo podshipnikovogo zavoda (for Zhelnin). 4. Sekretar' zavodskogo komiteta Vsesoyuznogo Leninskogo kommunisticheskogo soyuza molodezhi Pervogo gosudarstvennogo podshipnikovogo zavoda (for Plakhotnyy).



VLASOV, A.S.; ZHELNIN, S.G.

New methods of prospecting for gold placer deposits. Razved. i  
okh. nedr 30 no.4:8-13 Ap '64. (MIRA 17:12)

1. Severo-Vostochnyy soviet narodnogo khozyaystva.

REVERDATTO, V.V., otv. red.; SMYSHLYAYEVA, A.F., red.; STREL'NIKOVA,  
N.D., red.; SMIRNOV, Ye.S., red.; ZHELNOV, I.I., red.

[Transactions dedicated to the 20th anniversary of the  
Pharmaceutical Department] Sbornik trudov, posviashchen-  
nyi XX-letiiu farmatsevticheskogo fakul'teta. Tomsk,  
1962. 203 p. (MIRA 17:10)

1. Tomsk. Gosudarstvennyy meditsinskiy institut. 2. Zave-  
duyushchiy kafedroy obshchey khimii Tomskogo meditsinskogo  
instituta (for Strel'nikova). 3. Zaveduyushchiy kafedroy  
organicheskoy i fiziko-kolloidnoy khimii Tomskogo meditsin-  
skogo instituta (for Zhelnov). 4. Zaveduyushchiy kafedroy  
farmatsevticheskoy i sudebnoy khimii Tomskogo meditsinskogo  
instituta (for Smirnov).

ZHELNIN, N.A.

137-58-3-5337

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 124 (USSR)

AUTHORS: Zhelnin, N. A., Lyadov, V. V.

TITLE: Welding of Rails and Building Up of Rail Surfaces by Welding  
(Svarka i naplavka rel'sov)

PERIODICAL: Put' i putevoye kh-vo, 1957, Nr 8, pp 9-10

ABSTRACT: A discussion of the 15 years of service of the first rail-welding train Nr 1, which was set up for the purposes of re-conditioning rails. The train, equipped with a 320 kva rail-welding machine, has been utilized in reconditioning more than a thousand km of track by welding separate sections of rails (R) into longer sections. In addition to resistance butt welding of R's, the train is also employed for preventive maintenance duties without interfering with the schedule of other trains; to do this the train carries mobile welding equipment with the aid of which worn rail ends and frogs may be built up by welding. The train is also equipped for mold-type arc welding of R's; this method had been used successfully in the welding of R's in 100-m long sections for the purposes of utilizing them in tracks for switching "humps". For the welding of heavy R's

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SERYABIN, N.P.; TROFIMOV, G.K.; KOCHETOV, I.M.; BARYSHNIKOV, P.A.;  
ANAN'IN, K.I.; SHKURKO, I.M.; MINTS, B.M.; PASTUKHOV, Ye.S.; ZHELNIN, P.P.

Greater efficiency in grooving and the mechanization of rolling  
on the 500 and 280 mills. Metallurg 6 no.12:23-27 D '61.

(MIRA 14:11)

1. Omutninskiy metallurgicheskiy zavod i Ural'skiy institut  
chernykh metallov.

(Rolling mills—Equipment and supplies)